

IN THE DRAWINGS:

Please amend the drawings by substituting the attached five (5) replacement sheets of formal drawings for the original drawing sheets 4, 5, 6, 8 and 10.

REMARKS

In section 2 on page 2 of the Action, the reference signs 147, 155 and 255 in the drawings were objected to as not being mentioned in the specification. The signs 155 and 255 have been deleted from Figs. 7 and 12, respectively. The sign 147 has been retained because the specification has been amended at page 25, line 31, to refer to the “chamber 147”, which is obviously a chamber providing an open space allowing piston 130 to move from the position shown in Fig. 6 to the position shown in Fig. 9. The paragraph containing this amendment appears on page 5 of this Response.

With respect to the drawing objections in section 3 on page 2 of the Action, the amendments suggested by the Examiner have been made in Figs. 6, 7, 8, 12, 13 and 15. It is believed that these amendments and those of the preceding paragraph have obviated the Office’s objections to the drawings.

In section 6 on page 3 of the Action, the specification was objected to because of certain informalities specifically identified by the Office. Applicant has amended the specification as suggested by the Examiner, except for the deletion of “arcuate” at page 29, line 13. The Examiner’s attention is invited to Fig. 16 which clearly shows that the surface 279 of piston cam member 210 is curved, i.e., “arcuate”. It is believed that the amendments made by the applicant have obviated the Office’s objections to the specification.

In section 7 on pages 3 – 5 of the Action, the claims were rejected as being indefinite because of certain terminology considered to be objectionable by the Office. Applicant has amended the claims as suggested by the Examiner, except that line 7 of claims 11 and 29 have been amended to provide proper antecedent basis for “up ramp movement”. It is noted that pressure on the piston cam members 110 and 210 provides resistance to up ramp movement, but not to down ramp movement, of the bearing members. It is believed that the amendments made by the applicant have obviated the Office’s rejection of the claims.

On the basis of the foregoing amendments and remarks, it is believed that the application is now in condition for allowance. Accordingly, reconsideration of the application and allowance of the claims as now presented are respectfully requested.

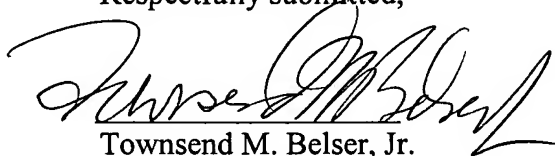
DEPOSIT ACCOUNT AUTHORIZATION

It is not believed that an extension of time or any fees, other than those presented herewith, are required. However, in the event that extensions of time are necessary, then such extensions of time are hereby petitioned under 37 CFR 1.136(a), and any additional fees required for consideration of this paper, including fees for the net addition of claims, are hereby authorized to be charged to our Deposit Account No. 080719. If any designated extension fees, or other designated fees, are not required or are in excess of the amount required, the Director is hereby authorized to credit any such overpayment to Deposit Account No. 080719.

Date:

July 29, 2005

Respectfully submitted,



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CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this Response to Office Action is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450, along with a postcard receipt, on 7/29/05.



Sharon Hutto